Product Name	Vehicle and Driver Tracking System
Version	1.1.1.2
Domain Name	vdts.ocims.com.my
Programming Language	PHP
Web Programming tools	Visual Studio 2010
Database Server software	SQL Server 2008 Standard
Software Components	Software components consisting of the following:- • Maps • Event • Driver • Vehicle
Real-time Movement Tracking	• Vehicle movement and location are tracked in real time for the ease of monitoring • Data of vehicle movement that includes coordinate, driver tag ID, time and speed are stored for future use
Alarm Monitoring and Regulation	• Detects any violations and records such events into its database for future viewing • Provide initial alarm notification of any attempts to drive unauthorized vehicle • Set alarm types and define zone of alarm on the map via geo-fencing • Instant pop-up alarm notification
Geo-fencing	• Define authorized access zone of each driver and vehicle categories. • Configurable setting-draw on map
System Access Levels	• Normal user • Administrator • Super Administrator • Master Administrator
Interfacing	• IoT Devices • GPS • 3G/4G • RFID Reader & Tag (*Driver*)
Supported Web Browser	• Google Chrome (ver. 36 and above) • Mozilla Firefox (ver. 31 and above) • Internet Explorer (ver. 11 and above)

For further information, please contact:

Vehicle and Driver Tracking System (VDTS)

Vehicle and Driver Tracking System (VDTS) is a web-based application designed to control, monitor and enforce all vehicles to ensure they move in orderly and safe manner. It combines together the ability to communicate with the vehicles and offer the prospect of a transport infrastructure system for effective vehicle and driver tracking, systematic route planning, predictive vehicle maintenance, etc.

VDTS comprises of two major components; which are Vehicle Tracker and the software application. As an option, Vehicle + Driver Tracker is made available as well. With these components, you are able to track your vehicles and the assigned drivers in real-time, anytime, using any internet-connected device. Our live vehicle tracking system uses GPS satellites to locate your vehicles, and mobile technology to ensure that their positions, routes and logs are constantly updated.

The VDTS provides information whereabouts and gives instant access to important vehicle information and driving behaviour such as speeding or harsh braking. VDTS can be accessed anytime and anywhere as long as there is Internet access using any smart mobile devices.

Key Features:-

❖ **Real-time Movement Tracking**
The movement of vehicle and driver, and location can be tracked in real time for ease of monitoring and enforcement.

❖ **Geo-fencing**
The geo-fencing feature is made available in order to define authorized access zone for each driver and vehicle categories.

❖ **Speed Monitoring and Regulation**
Vehicle's speed can be monitored 24/7 in order to ensure that drivers adhere to the speed limit that has been set at each zone.

❖ **Detection of Unauthorized Actions**
VDTS detects any unauthorized actions (e.g Driver exceeding speed limit or unauthorized driver entering unauthorized zone) and records such events into its database for future viewing.

❖ **Movement History Record**
VDTS records every single movement history of every registered vehicle. For future reference, the data of vehicle movement such as latitude, longitude, driver tag ID, time and date can be stored.

IBS

IBS

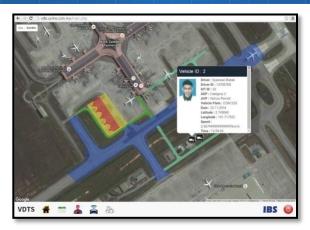## INSTANT ALERT, PROMPT TRACKING

The most crucial part in managing fleet is the capability to identify your vehicle and its assigned drivers instantly.

VDTS accurately remembers where each vehicle has been to. This feature in VDTS provides an instant overview of vehicle movements, highlighting any abnormalities within a trip and exposing patterns in your business.
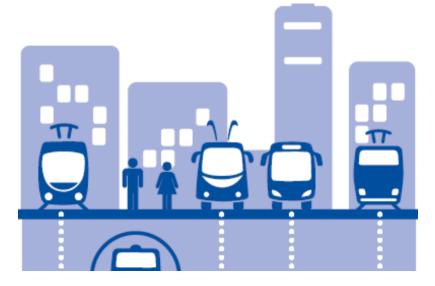
It also provides alerts instantly when any of the assigned vehicles go out of their scheduled route or leave a previously designated area or nominated geo-zone. This feature also allows you to:-

- ❑ Take action right away on unwanted behavior
- ❑ Improve safety
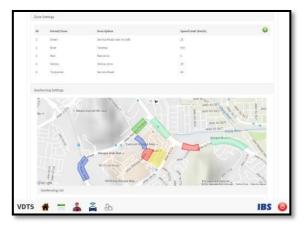- ❑ Increase fleet productivity
- ❑ Boost vehicle security

GEOFENCING ZONES

VDTS allows you to configure a series of geographic zones together with the time based rules of when vehicles should be inside or outside each zone.
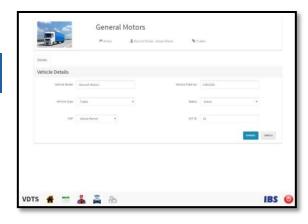
EASY CONFIGURATION & SETTINGS

VDTS offers the easiest settings for first time users that you will feel like you are ready to monitor the vehicle and driver wherever they go immediately after installation.

The ever easy-to-use VDTS user interface shall give users a great experience by providing a complete configuration ability on the geofencing zoning, speed limit on each zone and alarm settings.

INFORMATIVE VEHICLE DETAILS

VDTS offers an informative vehicle details that shows the picture of the vehicle, vehicle model, vehicle plate no, vehicle type, status of the vehicle, vehicle type and the ID of the IoT. These intuitive details can be retrieved anywhere at anytime.

We understand how crucial it is to have such informative details around your fingertips, especially the status of vehicles. With these details, the operator can easily track and assign the vehicle to the drivers. Vehicle maintenance and any repairing shall also be identified on time and this could avoid any trip delay.

TRACK DRIVERS, NOT JUST VEHICLES

It is indeed important to know the exact location of your vehicles and how they are being driven, but that alone is not enough. But do you know who is driving them?

VDTS offers additional insight into the behavior and whereabouts of your drivers. It identifies the driver of each vehicle so you can separate vehicle data from driver data, which allows reporting by driver as well as by vehicle.

This is particularly useful for businesses that operate a fleet of vehicles across many drivers who do not use the same vehicle each day.